



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

October 28, 2013

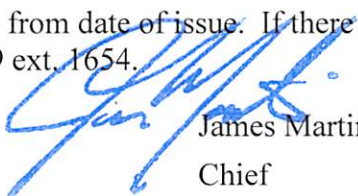
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4901406, issued to CNX GAS COMPANY LLC , is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: L-48
Farm Name: VALONIS, WILLIAM
API Well Number: 47-4901406
Permit Type: Plugging
Date Issued: 10/28/2013

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date: October 11, 2013

2) Operator's Well Number
L-48

3) API Well No.: 47 - 049 - 01406
State County Permit

FOR A PERMIT TO PLUG AND ABANDON

5) Location: Elevation 1161' Watershed _____
District Mannington County Marion Quadrangle Mannington, WV- PA 7.5'

7)	Designated Agent	Jeremy Jones
	Address	1 Dominion Drive Jane Lew, WV 26378

9)	Plugging Contractor	
	Name	Daybrook Development Corp
	Address	2656 Daybrook Rd Fairview, WV 26570-8592

(continued on next page)

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WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector William Gladue Date 10-12-13

The existing access road will be used for this well work.

The plugging will comply with the West Virginia Code Chapter 22-6-6 (Soil Erosion Control Plan) and 22-6-30 (Reclamation Requirements) and the West Virginia Erosion And Sediment Control Field Manual as published by the WVDEP Office of Oil and Gas. A well maker at least 30" in height or buried below plow depth will be installed containing the following: API number, site number, Consol Coal Company, and the date plugged.

CEMENT PLUGS MUST BE
CLASS A CEMENT WITH NO MORE
THAN 3% CaCl_2 AND NO OTHER
ADDITIVES. HOWEVER, THERE IS AN
EXCEPTION WHERE EXPANDING CEMENTS
ARE USED.

JMM

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WV-5(3)

CONVERSION of
VENT HOLE TO PRODUCTION
WELL.

Page 3 of 3

49-01406P

CONSOLIDATION COAL COMPANY
1800 WASHINGTON ROAD
PITTSBURGH PA

WELL NUMBER L-48

MINE Loveridge

DATE STARTED July 1983

DATE COMPLETED July 1983

CONTRACTOR ?

TOTAL DEPTH OF HOLE 900 (APPROX)
[In Feet]

CASING IN HOLE: SLOTTED 300
[In Feet]

Surface 20
5-1/2-INCH 900

PACKER SIZE 3' 6"

CEMENT 280 [SKS]

~COAL SRAM 890'

O K S. M
1-3-03
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WW-4A
(Rev. 6-07)

1) Date: October 4, 2013
2) Operator's Well Number L-48
3) API Well No.: 47 - 049 - 01406
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

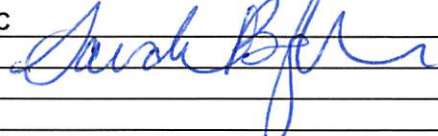
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>William Valonis</u>	Name <u>Consolidation Coal Company</u>
Address <u>171 Rady Peek Hollow Rd</u>	Address <u>1000 Consol Energy Drive</u>
	<u>Canonsburg, PA 15317</u>
(b) Name <u>Mannington, WV 26582</u>	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consolidation Coal Company</u>
	Address <u>1000 Consol Energy Drive</u>
	<u>Canonsburg, PA 15317</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Bill Hendershot</u>	(c) Coal Lessee with Declaration
Address <u>403 James Street</u>	Name _____
<u>Mannington, WV 26582</u>	Address _____
Telephone _____	

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed the Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this notice, the Application, and the plat have been mailed by register or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Lori L. Walker, Notary Public Richhill Twp., Greene County My Commission Expires Feb. 23, 2015 <small>MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES</small>	Well Operator By: _____ Its: _____ Address _____ Telephone _____	CNX Gas Company LLC Sarah Baughman Permitting Supervisor 200 Evergreene Drive Waynesburg, PA 15370 724-6271229	
Subscribed and sworn before me this <u>7th</u> day of <u>October</u> , 201 <u>3</u>		County of <u>Greene</u>	
My Commission Expires <u>February 23, 2015</u>		Notary Public	

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Officer at depprivacyofficer@wv.gov.

WV Department of
Environmental Protection

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 049 - 01406 C
Operator's Well No. L-48

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name CNX Gas Company, LLC OP Code 494458046

Watershed Flat run of Pyles Fork Creek Quadrangle Mannington

Elevation 1161' County Marion District Mannington

Description of anticipated Pit Waste: N/A - will use mud trucks to contain all drilling muds

Will a synthetic liner be used in the pit? N/A

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application
☐ Underground Injection (UIC Permit Number _____)
☐ Reuse (at API Number _____)
☐ Off Site Disposal (Supply form WW-9 for disposal location)
☒ Other (Explain no pits)

Proposed Work For Which Pit Will Be Used:

- ☐ Drilling ☐ Swabbing
☐ Workover ☐ Plugging
☒ Other (Explain no pits)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Sarah Baughman*

Company Official (Typed Name) Sarah Baughman

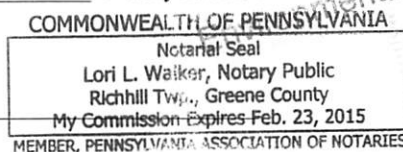
Company Official Title Supervisor- Permitting

Subscribed and sworn before me this 7th day of October, 2013

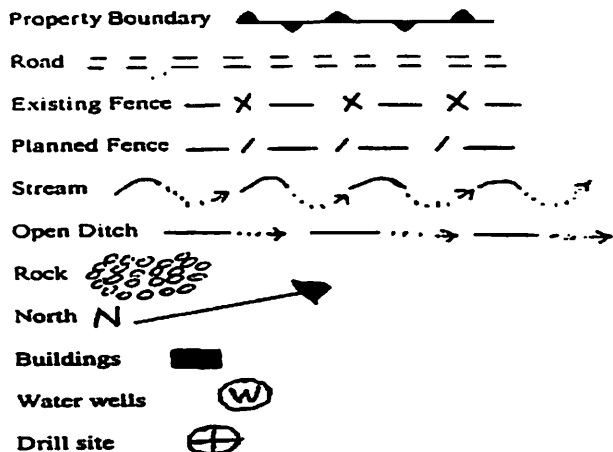
Lori L. Walker

Notary Public

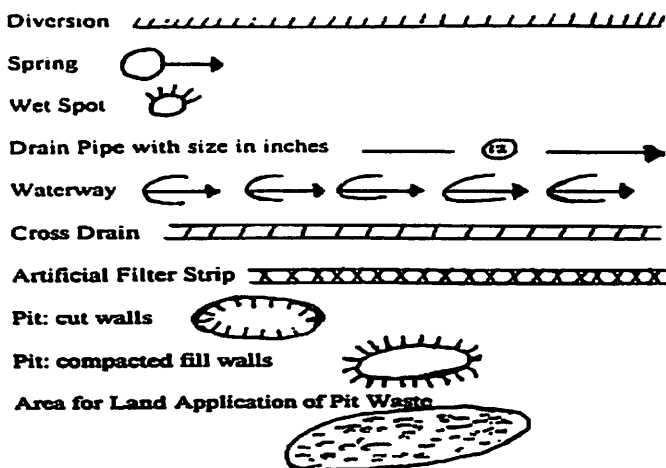
My commission expires February 23, 2015



Form WW-9

Operator's Well No. L-48

LEGEND

Proposed Revegetation Treatment: Acres Disturbed Less than 1 acre Prevegetation pH _____Lime 2-3 Tons/acre or to correct to pH _____Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)Mulch hay or straw 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

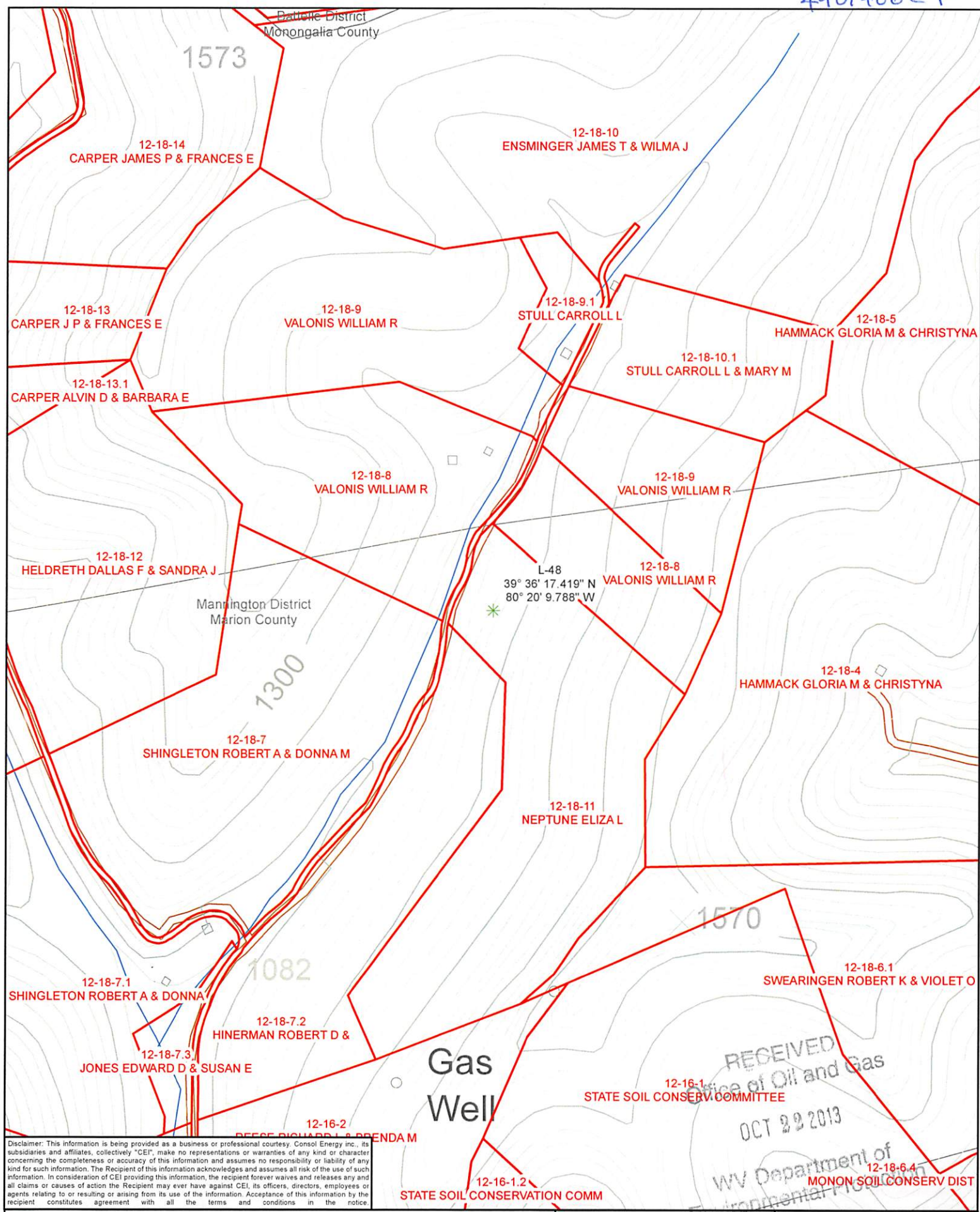
Title: _____

Date: _____

Field Reviewed? () Yes () No

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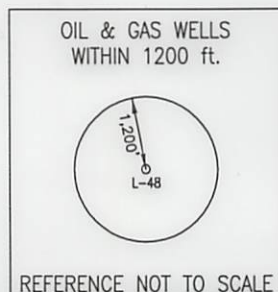
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Legend * GOB Well □ Surface Property □ District / County				 CONSOL ENERGY GOB Well Location Map Well L-48 for Plugging Loveridge Project Area
		Date: 7/10/2013	Prepared By: K. McCartney	
		Revisions:	Approved By:	

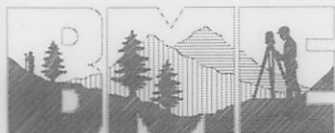
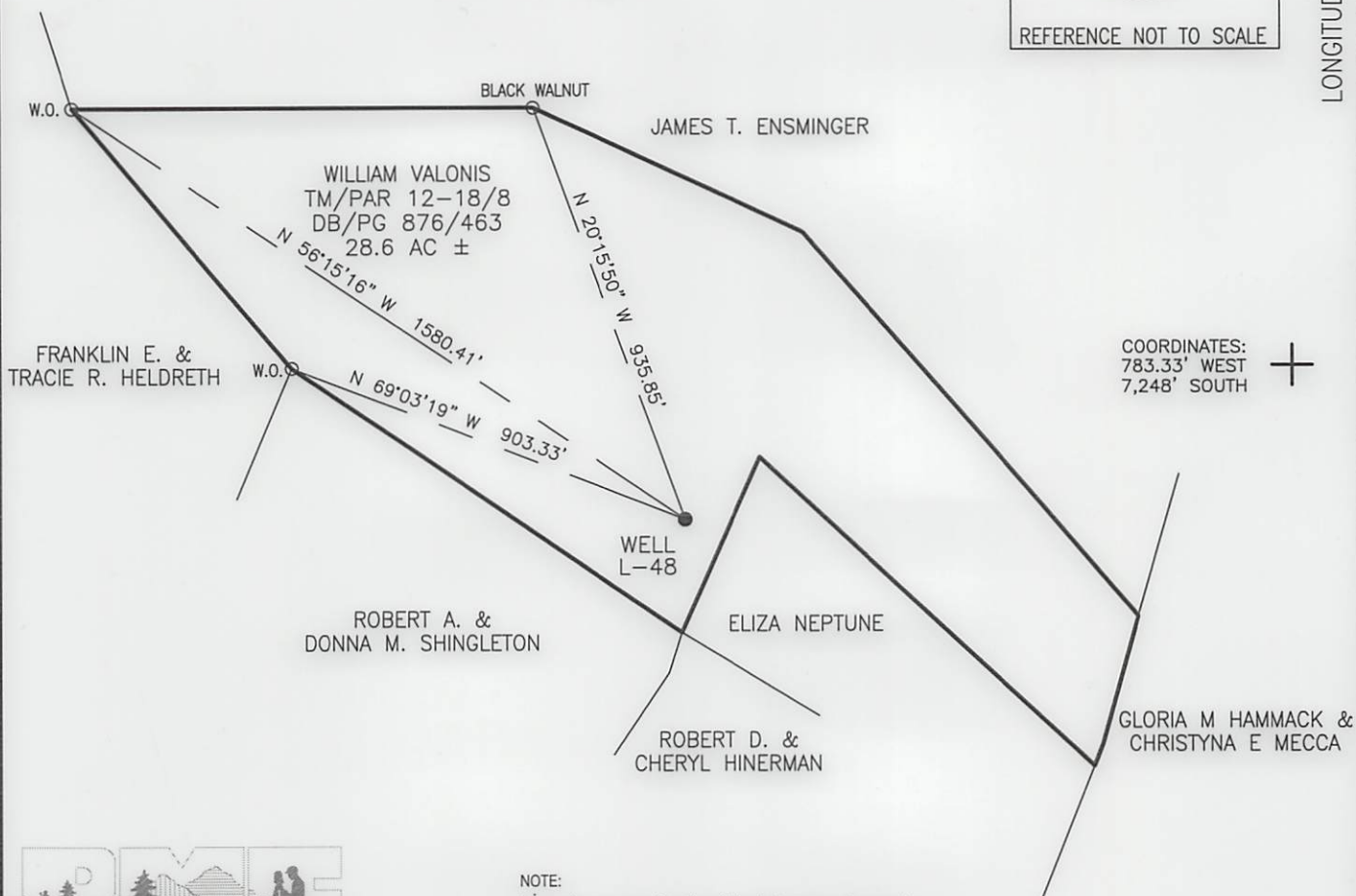
This map is property of CONSOL Energy Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.

WELL LOCATION
UTM 17-NAD83
N:4384145.85
E:556996.72
NAD83, WV NORTH
N:403627.16
E:1732933.17
LAT/LOG DATUM-WGS84
LAT:39°36'18.58"
LON:80°20'09.91"

LATITUDE 39°37'30"



LONGITUDE 80°20'00"



Blue Mountain Engineering
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

NOTE:
It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

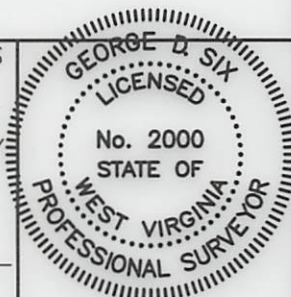
FILE #: L-48
DRAWING #: L-48
SCALE: 1" = 400'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: 

R.P.E.:

L.L.S.: P.S. No. 2000



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: OCTOBER 10, 2013

OPERATOR'S WELL #: L-48

API WELL #: 47 049 01406C P
STATE COUNTY PERMIT

Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: FLAT RUN OF PYLES FORK CREEK ELEVATION: 1161'

COUNTY/DISTRICT: MARION / MANNINGTON QUADRANGLE: MANNINGTON, WV-PA 7.5'

SURFACE OWNER: WILLIAM VALONIS ACREAGE: 28.6±

OIL & GAS ROYALTY OWNER: CONSOLIDATION COAL COMPANY, ET. AL. ACREAGE:

DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☒
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

TARGET FORMATION: PITTSBURGH ESTIMATED DEPTH: 900'

WELL OPERATOR CNX GAS COMPANY LLC

DESIGNATED AGENT JEREMY JONES

Address 200 EVERGREENE Dr.

Address 1 DOMINION DRIVE

City WAYNESBURG State PA Zip Code 15370

City JANE LEW State WV Zip Code 26378



Sarah Baughman
Permitting Supervisor
200 Evergreene Drive
Waynesburg, PA 15370
(724) 627-1229



August 1, 2013

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

Plugging Permit Application – Well “L-48”

Dear Sir or Madam,

Enclosed is the plugging permit application for the above referenced CBM well.

If any further information or correspondence is required, please contact me at (724)627-1229 or
SarahBaughman@consolenergy.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Sarah Baughman', written over the typed name.

Sarah Baughman

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